

What is Claimed is:

1. In a driver that drives a display composed of EL elements on the basis of a video signal, an EL display driver characterized by comprising:

means for forming a non-luminescent state in all the EL elements utilizing a vertical blanking period of said video signal; and

correction means for correcting the luminance of said video signal such that the shorter a video display time period provided to the EL element becomes, the higher the input video luminance of the EL element becomes in order to form said non-luminescent state.

2. The EL display driver according to claim 1, wherein

said correction means comprises
an analog-to-digital converter for converting said video signal into a digital video, and
an operating unit for executing operation processing for correcting the luminance of said digital video.

3. The EL display driver according to claim 1, wherein

said correction means is composed of a variable gain amplifier receiving said video signal for amplifying the video signal with an arbitrary gain and outputting the

amplified video signal, and
said variable gain amplifier changes said gain on
the basis of a vertical synchronizing signal in said video
signal.

4. In an EL display that drives EL elements on the
basis of a video signal, an EL display comprising:

a switch for discharging charges in a capacitor
provided in each of pixels composed of said EL elements
and displaying each of the pixels in black; and
control means for turning said switch on at timing
a predetermined time period prior to the subsequent video
writing into the pixel.

5. The EL display according to claim 4, wherein
there is provided a vertical shift register for
black display, and

a black writing start signal is inputted to the
vertical shift register for black display at
predetermined timing.

6. In a driver that drives a display composed of
EL elements on the basis of a video signal, an EL display
driver comprising:

means for forming a non-luminescent state in all the
EL elements utilizing a vertical blanking period of said
video signal;

an analog-to-digital converter for converting said

video signal into video data,
means for writing said video data into a memory;
means for reading out the video data from said memory
such that the direction of video supply in a one-field
video is reversed for each field; and
means for reversing the direction of video writing
into said display for each field in correspondence with
the reversal of said direction of video supply for each
field.

7. The EL display driver according to claim 6,
wherein

said direction of video supply and said direction
of video writing are respectively reversed in units of
lines in the one-field video.

8. The EL display driver according to claim 6,
wherein

said direction of video supply and said direction
of video writing are respectively reversed in units of
pixels in the one-field video.